



Maheen Mausoo Adamson

- Clinical Associate Professor (Affiliated) [Vapahcs], Neurosurgery
- Staff, Neurosurgery

Bio

BIO

Dr. Maheen Mausoo Adamson is a clinical associate professor of Neurosurgery (Affiliated) at Stanford School of Medicine and Clinical Research Director for Rehabilitation Services at VA Palo Alto. Adamson completed her undergraduate degrees in neurobiology and women studies at the University of California, Irvine. She completed her Ph.D. in neuroscience from the University of Southern California and a postdoctoral fellowship in Psychiatry and Behavioral Sciences at Stanford School of Medicine.

Dr. Adamson's expertise and interests span employing translational neuroscience methodologies for diagnostic and neuromodulation treatments (such as repetitive Transcranial Magnetic Stimulation (rTMS)) for frequent health problems in patients with Traumatic Brain Injury (TBI), psychiatric problems, and Alzheimer's disease. She has employed advanced structural and functional imaging modalities and biomarker assessments in Veteran, active military and civilian populations with these health problems. She has been a leader in identifying gender differences in brain injury, particularly in the Veteran population. She currently serves as PI and Site-PI on numerous neuromodulation clinical trials and collaborates internationally for developing advanced diagnostic methods in neuroimaging, especially in underserved communities. In her position at VA Palo Alto, she is actively involved in translating research, such as non-invasive brain stimulation and other therapies, to clinical in-home use by patients using innovations such as virtual and augmented reality. Her latest efforts are assessment of stress in post-COVID population as well as association of Long COVID with long-term cognitive decline.

Dr. Adamson has authored numerous peer-reviewed publications on the cognitive and neural basis of Alzheimer's disease and on a wide range of topics in TBI. She has received recognition in national and international settings. She is also intricately involved in mentoring research postdoctoral fellows and clinical residents in Physical Medicine & Rehabilitation, Psychiatry and Neurosurgery departments at Stanford School of Medicine. Her goal is to incorporate advanced treatment and diagnostics tailored to each patient's needs into standard-of-care to improve their daily function, reintegration into society and long-term rehabilitation.